Peactecal- 2A Steps: 1 Download czyptool then Install. 2. Open Ceyptool -> file -> New 3. Now Enter plain text to dec-encerpt. 4. Click on Enceypt/ Deceypt > Symeteic (modeen) -> RC4 -> Enter key dength as 16 bit a + click on Enceypt. 5 Text will be converted to ciphertext 6 Now again click on Enceypt/Decempt

> Symeteric (modern) -> RCY -> Enter key length as 16 bit > click on Deceppt 7. Now Decapted text will be visible.

Peactical-3A

Arms Run & analyze the output of following commands in linux - Pfconfig, ping, netstat it eace eout.

·Steps:

1 open cmd. & execute following commands: To change disectory use : 7 cd.

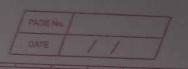
Openy: verifies the connectivety to 7pang www.google.com

- O epconfeg: shows ep address of the system. repconfeg
- 3 teacest: Analyze the different paths in your network to find the fastest puth following the shortest puth protocol.

>teacest www.google.com

netstet: Orsplay network statistics for all active Network connections & poets. > netstat

Peactical-36 Arm: ARP poisoning. Steps: step 1. Open and with admin access. change desectory. C:>Use est Administrator > cd., C:> Use Es > cd ... C:7 Step 2 Execute following Commands: Opponfog: Goves detailed onformation about all the network connections, a avuilable en joue computer. > p config @ apconfag/ all : Gives the ap & MAC address of your computer. steps Weite down your pp address r.e. Ppv4 Address: 192.168.7.74 and MAG address in Physical Address 70-54-02-19-8f-7A. Displayed in cmd. @ aep: Calls the ARP configure program located en windows / System 32 director raep.



- (3) Taep -s [Device-Ip] (Device-MRC]

  aep-s ceeates a static ARP

  mapping between PP & MAC addeess
- Oxaep-a : Display the contents of the ARP cuche.
- Taep-d: Delete ARP entey for pp address. raep-d [Device\_IP]
- @ aep-a: To check the ARP entey has been removed.

FAGE No.

#### Peactical-4

Asm: Use NMap Scannee to perform por scanning of various forms.

ACK, JAN, FIN, FULL, XMAS.

Steps!

- 1 download and enstall Nmap.
- 2. Open Nmap folder an program fales and open with cond.
- 3. Now Execute following commands.
- Onmap
- Onmap -sA -Tu scanme, nmap. 089
- 3 nmap -p22, 113, 139, scanme, nmap, ozg
- @ nmap sf T4 puzce
- 3 nmap -sN -p22 scannme, nmap. 0 = y
- 6 nmap SX-TY Scanme, nmap, oeg

#### Peactical-5A

Arm: Use Ware shuek to capture Network truffur

Steps 5

- 1. Download and Install were shark.
- 2. Open beowses and seasch for test.php.vulnueable web.
  - -> Open frest website. - Open login page & enter username and password.
- The olderwickers to the 3. Open were Shark.

  - → Type Mttp en seasch bas.

    → fend out login.php fele en the List
  - appeared.

    -> Reght cleck on login, php fele
  - follow
  - -> TCP Stream
- 4. Useename & Password you have entered will be visible.

PADE No.

## Peartical- 6

Arm: Simulate pressistent cross-site scerpting.

steps:

- 1. Download & Exteact DVWR.
- 2. Oownlaad & Install XAMPP Seevee.
- 3. Copy exteacted DVWA folder and paste en cildrive | xampp | htdocs directory.
- 4. Open config file in OVWA folder.

  -> Rename config php file by semoving

  dist extention.
  - as soot & Reep password empty.
- 5. Search for CSS payload gethub and copy Scrept.
  <Script 7 alert ('XSS') < /script >
- G. Open to XAMPP Seever
- 7. Click on DVWA security and set security Level as low.

8. Go to XXS (stored) -> click on ceeate/ Reset Dutabase. 9. Now type rume & sceipt pn textboxe.

-> click on sign Guest Book.

## Peactical-7!

- A. Session empersonation.
  - · Steps:
- 2. Open becases and seasch Edet Thes cookee extention.

  → Add extention to Cheome.
- 2. Click on extension room on Right comes
- 3. click on Expost & or or other.
- 4. Click on Delete Betton to delete
- B Tamper Data Add on. Steps.
- 1. Seasch Tampes Data add-on Extention.
  .- add extension to fieels fixefox.
- 2. Search Ibeian modonata open tofiest Lenk.
  - and of password.
- 8. Click on on cloud icon an Right coenes ond you wall see the tampesed data.

# Peactical &

Arm: SQL enjection.

Steps 3-

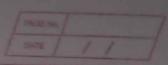
- 1. Download and Exteact DVWA.
- 2. Download and Install Xampp Seever.
- 3. Copy extended DNWA Fale and locate en c'delve/campp/ titdocs desectory.
- 4. Open config file en DVWA folder
  - -> Deem file with notepad and

  - → change database uses as soot.

    → semove passarosed in Outabase

    configuration.
- 5. Open B-& start xampp Server. - type local host / DVWA in beowser.
- 6. Go to DVWA security

  -> select low and submit.
- 7. Go to SQL priect. -> create / Reset Database.



8-	Enter Search for Scor payload Github en browser.  The copy payload scrept.
g,	Enter copied script en user de Textbore & all users duta from database well be fetched.
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- V	Interest for the last that I was a like
	The second second second second

Peactical-9 Arm: Heylogger using Python. Steps : 1 Crecte a folder in file Exploser. 2. Open that folder with Vs code or ony other code edptor. 3. Ceeate a new fole with py extension. 4. Weite down python code for keylogger - Run the fple. 5. You will get a Secrety Thread Peompt. - Allow Theeat an windows security. 6. Python fale gets deleted you have to sove et again with the same name. 7. Now a text file will get created which contain keybourd enputs.